



212032US-2

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
TETSUYA KAWAGISHI ET AL : EXAMINER: PATEL, MAULIN M.  
SERIAL NO: 09/912,632 :  
FILED: JULY 26, 2001 : GROUP ART UNIT: 3737  
FOR: ULTRASONIC DIAGNOSIS  
APPARATUS AND ULTRASOUND  
IMAGING METHOD

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

In response to the Official Action mailed June 19, 2002, please amend this application  
as follows:

IN THE SPECIFICATION

Please replace the paragraph beginning at page 19, line 21 through page 20, line 4 as  
follows:

a! The ultrasonic echo signal including the described fundamental component and  
harmonic component is received by the probe 11 for each rate, and is outputted as a receiving  
signal. Then, the receiving signal is amplified by means of a preamplifier unit 21, the  
amplified signal is subjected to receiving beam forming by means of the receiving delay  
circuit 22, and the beam formed signal is focused on a beam on a scanning line. This beam  
formed receiving signal is further subjected to quadrature phase wave detection by using a

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